## IN THE CLAIMS

Claims 1-15 are presented below, with claims 1-9 pending. As shown below, claims 1-9 have been amended, and claims 10-15 have been canceled.

1. (Currently Amended) A reproducing apparatus comprising:

means for reading a signal written on a recording medium, wherein the signal is encoded using a predetermined encoding procedure;

means for reading signal decoding program information data written on the recording medium, wherein the signal decoding program information data includes a decoding program softwarecorresponding to said encoding procedure; and

a signal processor for processing the encoded signal read from the recording medium, wherein the signal processor decodes the encoded signal based on executing using the decoding program software included in the signal decoding program informationdata.

2. (Currently Amended) The reproducing apparatus as set forth in Claim 1, wherein the reading means reads the signal decoding program information data written on the recording medium repeatedly.

3. (Currently Amended) A reproducing apparatus comprising:

means for reading a signal written on a recording medium, wherein the signal is encoded using a predetermined encoding procedure;

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means for reading ~~signal decoding~~ program ~~information~~ data from means for storing the

~~signal decoding~~ program ~~information~~ data, wherein the storing means is attached to the recording

medium and the ~~signal decoding~~ program ~~information~~ data includes a decoding ~~program~~

software ~~corresponding to said encoding procedure~~; and

a signal processor for processing the encoded signal read from the recording medium,

wherein the signal processor decodes the encoded signal ~~based on executing~~ using the decoding

~~program~~ software included in the ~~signal decoding~~ program ~~information~~ data.

4. (Currently Amended) A recording apparatus comprising:

means for encoding an input signal using an ~~predetermined~~ encoding ~~procedure~~ method;

means for generating ~~signal decoding~~ program ~~information~~ data including a decoding

~~program~~ software which inversely processes the encoded input signal and corresponds to ~~said~~ the

encoding ~~procedure~~ method; and

means for writing to a recording medium the encoded input signal and the ~~signal~~

~~decoding~~ program ~~information~~ data.

5. (Currently Amended) The recording apparatus as set forth in Claim 4, wherein the writing

means writes the ~~signal decoding~~ program ~~information~~ data on the recording medium repeatedly.

6. (Currently Amended) A recording apparatus comprising:

means for encoding an input signal using an ~~predetermined~~ encoding ~~procedure~~ method;

means for generating ~~signal decoding~~ program ~~information~~ data including ~~a~~ decoding ~~program~~ software which inversely processes the encoded input signal and corresponds to ~~said~~ the encoding ~~procedure~~ method;

means for writing the encoded input signal to a recording medium; and

means for writing the ~~signal decoding~~ program ~~information~~ data to storing means attached to the recording medium.

7. (Currently Amended) A recording/reproducing apparatus comprising:

means for encoding an input signal using an ~~predetermined~~ encoding ~~procedure~~ method;

means for generating ~~signal decoding~~ program ~~information~~ data including ~~a~~ decoding ~~program~~ software which inversely processes the processed input signal and corresponds to ~~said~~ the encoding ~~procedure~~ method;

means for writing to a recording medium the encoded input signal and the ~~signal decoding~~ program ~~information~~ data;

means for reading a signal written on a recording medium, wherein the signal written on the recording medium is encoded using ~~said~~ the encoding ~~procedure~~ method;

means for reading ~~signal decoding~~ program ~~information~~ data written on the recording medium from which the encoded signal was read;

a signal processor for processing the encoded signal read from the recording medium, wherein the signal processor decodes the encoded signal ~~based on executing~~ using the decoding ~~program~~ software included in the read ~~signal decoding~~ program ~~information~~ data.

8. (Currently Amended) The recording/reproducing apparatus as set forth in Claim 7, wherein

the writing means writes the ~~signal decoding~~ program ~~information~~ data on the recording

medium repeatedly, and

the reading means reads the ~~signal decoding~~ program ~~information~~ data written on the

recording medium repeatedly.


9. (Currently Amended) A recording/reproducing apparatus comprising:

means for encoding an input signal using a<u>n</u> ~~predetermined~~ encoding ~~procedure~~method;

means for generating ~~signal decoding~~ program ~~information~~ data including ~~a~~ decoding

~~program~~ software which inversely processes the encoded input signal and corresponds to ~~said~~ the

encoding ~~procedure~~method;

means for writing the encoded input signal to a recording medium;

means for writing the ~~signal decoding~~ program ~~information~~ data to storing means

attached to the recording medium;

means for reading a signal written on a recording medium, wherein the signal written on

the recording medium is encoded using ~~said~~ the encoding ~~procedure~~method;

means for reading ~~signal decoding~~ program ~~information~~ data from storing means attached

to the recording medium from which the encoded signal was read; and

a signal processor for processing the encoded signal read from the recording medium,

wherein the signal processor decodes the encoded signal ~~based on executing~~ using the decoding

~~program~~ software included in the read ~~signal decoding~~ program ~~information~~ data.


10. - 15. (Canceled)

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